Digital Camera 3310
User's Manual

BenQ

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Taking care of your camera

- Do not use your camera over the following environmental range: temperature: O C to 40 C, relative humidity: 45% ~ 85%.
- Do not use or store your camera in environments listed below:
  Direct sunlight.
  High humidity and dusty places.
  Next to the air conditioner, electric heater or the other heat sources.
  In a closed car that is directly under the sun.
  Avoid shaky places.
- If your camera becomes wet, wipe it with dry cloth as soon as possible.
- Salt of seawater may cause severe camera damage.
- Do not use organic solvents, such as alcohol, etc., to clean your camera.
- If the lens or viewfinder is dirty, please use the lens brush or soft cloth to clean the lens. Do not touch the lens with your fingers.
- To prevent electrical shock, do not attempt to disassemble or repair your camera by yourself.
- Water may cause a fire or electric shock. Therefore, please store your camera in a dry place.
- Do not use your camera outdoors when it is raining or snowing.
- Do not use your camera in the water.
- If the foreign substance or water gets in your camera, please tum the power off immediately and disconnect the batteries and the transformer. Remove the foreign substance or water, and send it to the maintenance center.
- Transfer the data to the computer as soon as possible to avoid losing your image data.

1. Touring your DC 3310 1
1.1. Checking package contents 1
1.2. Parts of the DC 3310 and their names 1
1.2.1. Front View 1
1.2.2. Rear View 2
1.2.3. Top View 2
1.2.4. Bottom View 2
2. Preparing your DC 3310 for using 3
2.1. Installing batteries and memory card 3
2.2. Turning on the power 4
2.2.1. Turning on the power 4
2.2.2. Turning on the power for taking photos (Camera Mode) 4
2.2.3. Turning on the power for viewing photos (Play Mode) 4
2.3. Turning off the power 5
2.3.1. Turning off the power 5
2.3.2. Power Save Mode 5
2.3.3. Auto Shut Down Mode 5
3. Using the DC 3310 6
3.1. Use Camera Mode to take photos 6
3.1.1. Still Mode 6
3.1.2. Burst Mode 6
3.1.3. Video Mode 7
3.1.4. Self-timer Mode 8
3.2. The Camera Mode Setting Menu on LCD screen 8
3.3. Taking Photos 9
3.3.1. To take photos using the viewfinder 9
3.3.2. To take photos using the LCD monitor 9
3.4. Hot Keys for taking photos 11
3.4.1. Hot key for selecting flash mode 11
3.4.2. Hot key for adjusting exposure value 11
3.4.3. Hot key for zooming in or out on the object 12
3.4.4. Hot key for setting the macro mode 13
3.4.5. Hot key for LCD monotor icon display mode 13
3.5. The Camera Mode Setting menu 14
3.5.1. Adjusting image compression 15
3.5.2. Adjusting image resolution 15

3.5.3. Setting macro mode 16
3.5.4. Setting white balance modes 17
3.5.5. Setting monochrome modes 18
3.5.6. Setting metering modes 19
3.5.7. Setting exposure compensation value 19
3.5.8. Adjusting Zoom Function 21
3.5.9. Setting date-imprinting modes 22
3.5.10. Setup Menu (Tool Box) 22
3.6. Use Play Mode to View Photos and images on the LCD screen 24
3.6.1. Still Mode 24
3.6.2. Thumbnail Mode 25
3.6.3. Video Mode 25
3.6.4. Slide show Mode 26
3.7. The Play Mode Setting Menu on LCD screen 26
3.8. Options for viewing images 27
3.9. The Play Mode Setting menu 28
3.9.1. Erasing images 29
3.9.2. Locking and unlocking images 29
3.9.3. Zoom in on an image 30
3.9.4. Print Out Setting (DPOF Protocol) 31
3.9.5. Setup Menu (Tool Box) 32
4. PC dependent features 33
4.1. Preparations 33
4.1.1. Installing digital camera software 33
4.1.2. The Software of this Installation CD 34
4.1.3. DC 3310 Driver installation instruction 35
4.2. Connecting the DC 3310 to your PC 35
5. TV dependent features 37
Connecting the DC 3310 to TV 37
6. Lithium battery charger (adapter) usage .. 38
6.1. Connecting the charger as a power adapter 39
6.2. Use Charger To Charge Lithium Battery 40
7. Troubleshooting 41
8. Service information 42

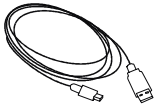
1. TOURING YOUR DC 3310

1.1. Checking package contents

The package should include the following items:

DC 3310 digital camera

Battery charger/Adapter



USB cable

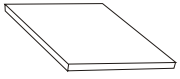
TV cable

Lithium Battery x 1

16MB Compact Flash memory card

DC 3310 software CD-ROM

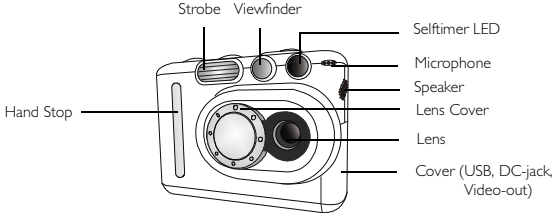
Hand Strap



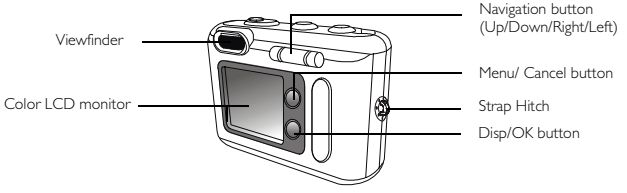
User's Manaul

1.2. Parts of the DC 3310 and their names

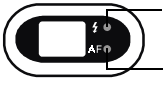
1.2.1. Front View



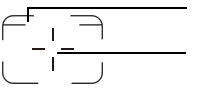
1.2.2. Rear View



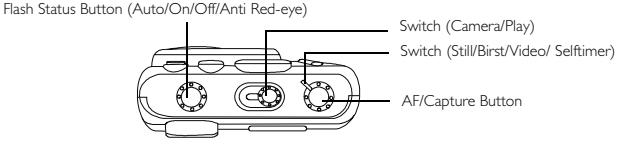
Viewfinder



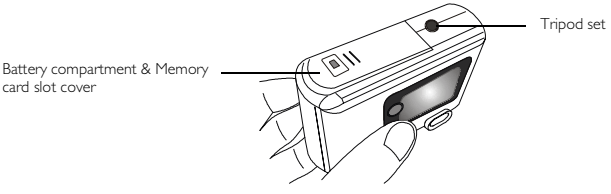
Inside viewfinder



1.2.3. Top View



1.2.4. Bottom View

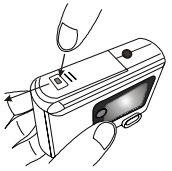


2. PREPARING YOUR DC 3310 FOR USING

2.1. Installing batteries and memory card

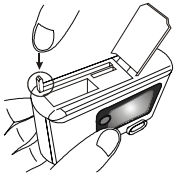
Follow the steps below to install battery and memory card.

1



Press the PUSH button on the battery cover and then slide the cover in the direction shown.

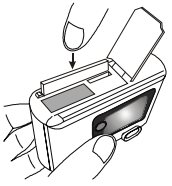
2



Open the cover. Then press down the elastic bar beside the memory card socket untill the bar is fixed.

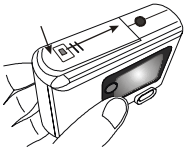
! Caution: You can insert the memory card only when the bar is fixed.

3



Place battery in the battery compartment and then press down the memory card into the socket until it is firmly fixed.

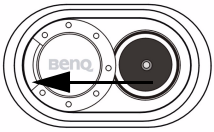
4



Close battery compartment cover and slide the cover in the direction shown. You will hear a click sound when the cover
is firmly closed.

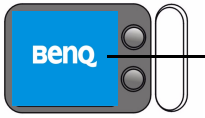
2.2. Turning on the power

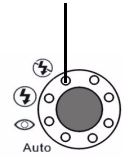
2.2.1. Turning on the power



To turn on the power, you have to slide the lens cover in the direction shown. You will see the LCD screen show a frame of Benq logo. Then this camera is ready to work.

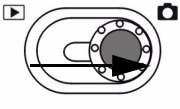
The indicators on the Flash mode button will also blink for a few seconds at the same time.





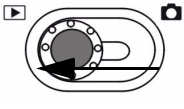
Note: If no memory card is presented in the memory card slot, the LCD screen shows "Insert Card".

2.2.2. Turning on the power for taking photos (Camera Mode)



Slide the mode switch button to the position shown. Then press the capture button to take your first picture. The picture taken in the memory card will be reviewed on the LCD screen later on.

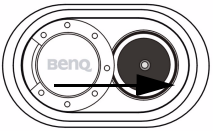
2.2.3. Turning on the power for viewing photos (Play Mode)



Slide the mode switch button to the position shown. Then you can view all the images you have taken. The last image taken in the memory card will appear on the LCD screen later on.

2.3. Turning off the power

2.3.1. Turning off the power



To turn off the power, you have to slide the lens cover in the direction shown. You will see the LCD screen turn blank. Then the power is turned off.

2.3.2. Power Save Mode

The DC 3310 supports power save function. If the DC 3310 doesn't receive any operation from the user for 3 minutes, it will enter power save mode automatically.
However, you can press any key to wake up the DC3310 from power save mode.

2.3.3. Auto Shut Down Mode

The DC 3310 supports auto shut down function. If the DC 3310 doesn't receive any operation from the user for 5 minutes, it will enter auto shut down mode and automatically shut down instantly. To wake up the DC3310 from auto shut down mode, you have to close the lens cover and slide it open to turn on the power again.

3. USING THE DC 3310

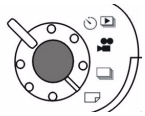
The functions of DC 3310 are mainly composed of two modes-Camera mode and Play mode. In this chapter, we will introduce the functions of DC 3310 according to these two modes.

3.1. Use Camera Mode to take photos

3.1.1. Still Mode

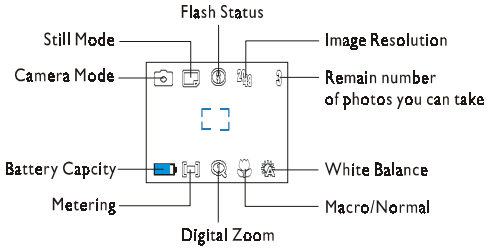
If the still mode is activated in camera mode, you can take photos by pressing the capture button, the camera will take one photo a time automatically by auto-focusing.

To activate the still mode:



Adjust the switch to still mode on the top of the camera. Then the still mode will be activated. When still mode is activated, the icon will appear on the LCD screen.

When the still Mode is activated, the LCD screen will show icons as follow:

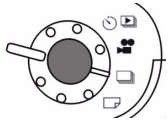


3.1.2. Burst Mode

If the burst mode is activated in camera mode, you can take more than one photo a time by pressing the capture button. The number of photos taken is decided by the resolution you set. It is shown as follows:

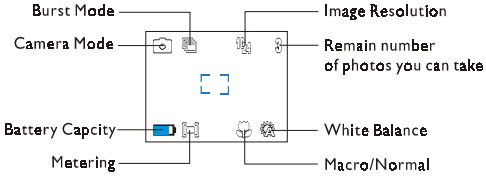
1024 x 768: the camera will take 4 photos a time automatically.
640 x 480: the camera will take 8 photos a time automatically.

To activate the burst mode:



Adjust the switch to burst mode on the top of the camera. Then the burst mode will be activated. When burst mode is activated, the icon will appear on the LCD screen.

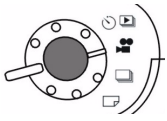
When the burst mode is activated, the LCD screen will show icons as follow:



3.1.3. Video Mode

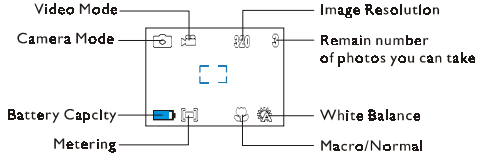
If the video mode is activated in camera mode, you can shoot video by pressing the capture button, however, the video length will be limited by the memory capacity in your memory card. It is shown as follows:
320 x 240: movie clips with sound, 15 seconds a time.
160 x 120: movie clips with sound, 30 seconds a time.

To activate the video mode:



Adjust the switch to video mode on the top of the camera. Then the video mode will be activated.

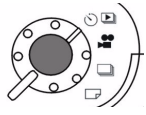
When the video mode is activated, the LCD screen will show icons as follow:



3.1.4. Self-timer Mode

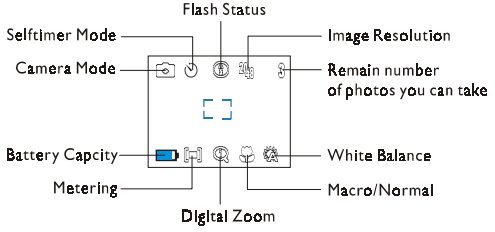
If the self-timer mode is activated in camera mode, 5~25 seconds after you press the capture button, the camera will take photo automatically. You can set the self-timer from 5 to 25 seconds.

To activate the self-timer mode:



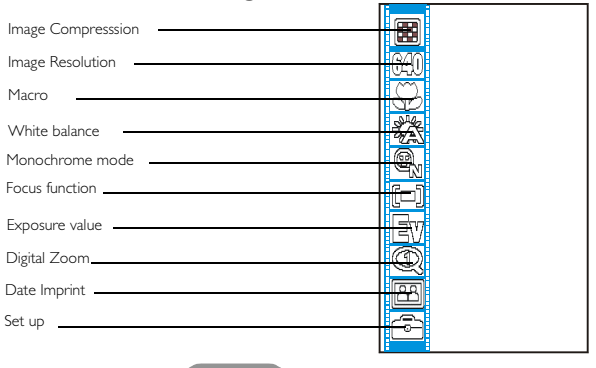
Adjust the mode switch dial to self-timer mode on the top of the camera. Then the self-timer mode will be activated. When self-timer mode is activated, the icon will appear on the LCD screen.

When the selftimer mode is activated, the LCD screen will show icons as follow:



3.2. The Camera Mode Setting Menu on LCD screen

Camera Mode Setting Menu



3.3. Taking Photos

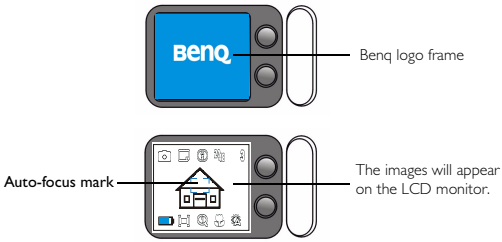
1 Make sure the mode selection dial has been turned to the position or .

3.3.1. To take photos using the viewfinder

2 Point the camera to the object and make the object appear on the center of the viewfinder behind the focus mark.

3.3.2. To take photos using the LCD monitor

When the camera power is turned on, the LCD monitor will be turned on at the same time. You will see the LCD screen show a frame of Benq logo. After the Benq logo disappears, you can take photos by using the LCD monitor.



The image will appear on the LCD monitor and you will see a blue auto-focus mark in the center of the LCD monitor. Move the camera until the image on the LCD monitor is on the desired position.

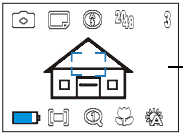
3 Press the shutter release button halfway. The auto-focus function will operate as follow steps show:

1. **Before auto-focus operates:** The AF indicator on the viewfinder is off and the AF mark on the LCD monotor is blue.
2. **When auto-focus operates:** The AF indicator on the viewfinder blinks and the AF mark on the LCD monotor is still blue.
3. **After auto-focus finishes:** The AF indicator on the viewfinder becomes steady green and the AF mark on the LCD monotor turns purple.

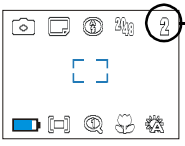
The auto-focus function will lock on the subject and the auto-focus mark on the LCD monitor will turn purple. The auto-focus indicator will become steady green when auto-focus is done. If you take photos with the LCD monitor, the result will be shown simultaneously.

If you did not get a satisfactory result, move the position of camera and press the shutter release button again until desired result is displayed.

4 Then press the shutter release button all the way down. The image will be captured and saved to the memory card.
The remaining number of images you can take will appear on the LCD screen.



Choose a subject and press the capture button half way for auto-focus function, then press down to capture the image. The captured image will be saved to the memory card.



The remaining number of images you can take will appear on the LCD screen.

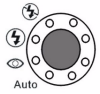
3.4. Hot Keys for taking photos

This section introduces five main hot keys for you to use when taking photos. You can change these five settings by simply pressing these hotkeys without entering the sub menu.

3.4.1. Hot key for selecting flash mode

You can turn on or off the flash light according to the environment where you take photos. This is done by selecting the flash mode.

To select a flash mode:



Press the flash status button on the top of the camera.

Press it several times and different flash modes will scroll continuously on the LCD screen.

Flash off mode
When this mode is selected, the camera will not use the flash even the environment and the object is dark.

Forced flash on mode
When this icon appears, the camera will use the flash whenever you take photos, regardless of the environment and condition of the object.

Anti Red-eye mode
Use this mode to prevent the red eye phenomenon that often appears on people's pupils.

Auto

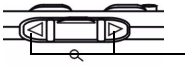
Automatic flash mode
The camera will detect the brightness of the environment and the object, then use flash if necessary.

3.4.2. Hot key for adjusting exposure value

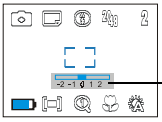
When you take photos with the LCD monitor, you can simply use the "Right" and "Left" navigation button to increase/decrease the exposure value before the shutter release button is pressed.

Higher exposure value will make the captured image brighter, while lower exposure value makes it look darker.

An exposure value bar will appear on the LCD monitor after entering the exposure value menu. Press the right navigation button ▶ to increase exposure value, or the left navigation button ◀ to decrease exposure value.
The preview image on the LCD screen will reflect the change of exposure value instantly.



Press the "Right" and "Left" navigation button to adjust exposure value. Then press Disp/OK button to set.



An exposure value bar will appear on the LCD monitor after pressing the "Right" and "Left" navigation button, you can choose to increase or decrease the exposure value of taking photos by using the navigation buttons.

3.4.3. Hot key for zooming in or out on the object

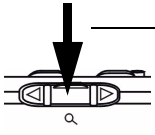
The DC 3310 provides digital zoom function that allows you to zoom in or out on the object electronically before the photo is taken. This function is only available when you take photos with the LCD screen and you can simply zoom in or out object by pressing the hot key.

3.4.3.1. To zoom in on the object:

Press the middle navigation button down , and the object will appear larger on the LCD screen. The icon on the LCD monitor will also become as well.

3.4.3.2. To zoom out on the object:

Press the middle navigator button in the same direction and the object will return normal on the LCD screen. The icon on the LCD monitor will return as well.



Press down to zoom in or zoom out on the object.

3.4.4. Hot key for setting the macro mode

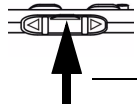
The DC 3310 provides macro function that allows you to capture images at a close range (30~70 cm). This function is only available when you take photos with the LCD screen and you can set the macro mode on or off by simply pressing the hot key.

3.4.4.1. To set the macro mode on:

Press the middle navigation button up and you will see the normal mode icon on the LCD monitor become the macro mode icon .

3.4.4.2. To set the macro mode off:

Press the middle navigator button in the same direction and you will see the macro mode icon on the LCD monitor return to the normal mode icon .



Press up to set the macro mode on or off.

3.4.5. Hot key for LCD monotor icon display mode

The DC 3310 provides LCD monitor icon display function that allows you to set the LCD monitor icon display function on or off. This function is only available when you take photos with the LCD monitor and you can set the LCD monitor icon display mode on or off by simply pressing the hot key. The hotkey will operate in sequence as the following graphs illustrate.

3.4.5.1. To set the LCD monitor icon display mode off:

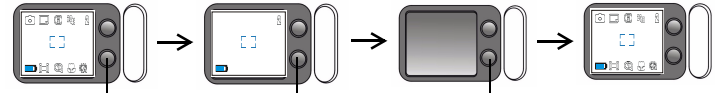
Turn on the power of your DC 3310 and you will see all the icons on the LCD monitor appear. To turn the LCD monitor icon display off, press the Disp/OK button and the icons on the LCD monitor will disappear except the battery icon and the remaining number icon.

3.4.5.2. To set the LCD monitor display mode off:

When the LCD monitor icon display mode is set to off, press the Disp/OK button again and the LCD monotor display mode will be set to off. The LCD monitor will become blank and enter suspend mode.

3.4.5.3. To set the LCD monitor (icon) display mode on:

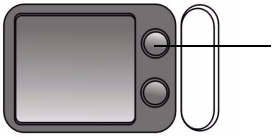
When the LCD monitor display mode is set to off, you can press the Disp/OK button and you can wake up the LCD monitor from suspend mode. You will see all the icons on the LCD monitor appear again.



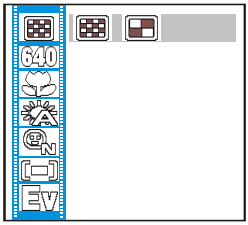
Press Disp/OK button. Press Disp/OK button. Press Disp/OK button.

3.5. The Camera Mode Setting menu

When in camera mode, the DC 3310 provides a setting menu that allows you to make adjustments on various photo taking and image saving settings.
To enter the setting menu, press the Menu/C button and you can switch the LCD screen frame from shutter menu to the main setting menu.



The menu bar will appear on the left part of the LCD screen.



Menu operations

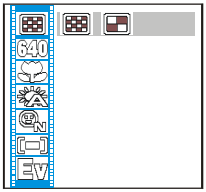
- Push up or press down the navigation button to move among main items or highlight a main item on the menu bar.
- To go to the sub-menu of a main item, press the right arrow ► on the navigation button, or the Disp/OK button.
- To select an item, highlight the item you want to select and then press the Disp/OK button.
- To exit a submenu, press the left arrow ◄ on the navigation button, or the Menu/C button. After your settings finished, press this button to return to the normal LCD preview screen.

3.5.1. Adjusting image compression

You can take photos at different compression. Lower compression delivers more image details, but results in larger file size. This will also affect the remaining images that can be taken in the memory card.

To select image compression:

1 Enter the image compression sub-menu.



2 Select a image compression mode:

Fine: Image with low compression (1:8).

Normal: Image with high compression (1:16).

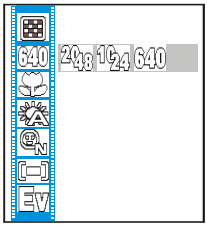
3 Press the Disp/OK button. The image compression mode is set. The corresponding icons will be displayed on the LCD screen.

3.5.2. Adjusting image resolution

You can take photos at different resolutions. Higher resolution delivers more image details, but results in larger file size. This will also affect the remaining images that can be taken in the memory card.

To select image resolution:

1 Enter the image resolutioun sub-menu.



2 Select a image resolution mode:

2048 x 1536 resolution: Image with 2048 x 1536 resolution.

1024 x 768 resolution: Image with 1024 x 768 resolution.

640 x 480 resolution: Image with 640 x 480 resolution.

File Size: (These file sizes are the max values estimated, they may be reduced by different photo backgrounds.)

	2048 x 1536	1024 x 768	640 x 480
Fine	1180 K	295 K	115 K
Normal	590 K	148 K	58 K

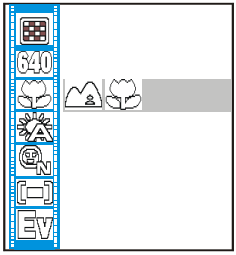
3 Press the Disp/OK button. The image resolution mode is set. The corresponding icons will be displayed on the LCD screen.

3.5.3. Setting macro mode

Use the macro function when you need to shoot images at a very close range (30~70 cm).

To turn on/off the macro function:

1 Enter the macro sub-menu.



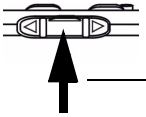
2 Select from the following items:

Normal Mode: set the macro function off (70 cm ~ ∞).

Macro Mode: set the macro function on (30 ~ 70 cm).

3 Press the Disp/OK button. The macro mode is set. If the macro function is turned on, the icon will appear on the LCD screen.

***Hot Key: To set the macro mode function, you don't have to enter this sub menu every time. You can also set the macro mode by simply pressing the hot key when capturing photos. Please refer to page 11 section 3.4.4 for reference information about this hot key.**



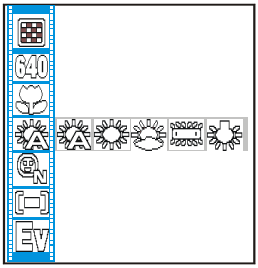
Press up to set the macro mode on or off.

3.5.4. Setting white balance modes

Under different environments, you can adjust white balance mode to get the best color registration image effect. The DC 3310 provides 5 white balance modes to modify white balance under different situations.

To select a white balance mode to use:

1 Enter the white balance sub-menu.



2 Select a white balance mode:

Automatic:

The DC 3310 selects a white balance mode automatically.

Daylight:

Select this mode if you are taking pictures under direct daylight.

Overcast:

Select this mode if you are taking pictures under windy sky.

Fluorescent light:

Select this mode if you are taking pictures under fluorescent light.

Tungsten light:

Select this mode if you are taking pictures under tungsten bulb light.

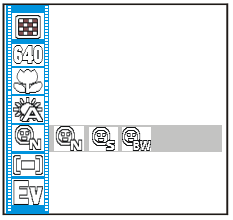
3 Press the Disp/OK button. The white balance mode is set.

3.5.5. Setting monochrome modes

Monochrome mode supports prompt effect function. When you select one of these three modes, the LCD screen will show the effect instantly.

To set monochrome modes:

1 Select item and press Disp/OK button. The monochrome mode adjustment screen will appear.



2 Select a monochrome mode and the result will appear on the LCD screen instantly:

Color Mode: The LCD color will remain colorful.

Sepia Mode: The LCD color will become sepia.

Black and White Mode: The LCD color will become black and white.

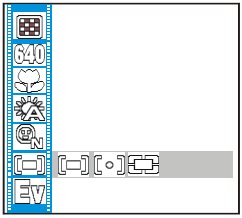
3 Press the Disp/OK button. The monochrome mode is set.

3.5.6. Setting metering modes

This main item allows you to adjust metering modes. The metering system in digital camera is the system which measures the amount of light in the current frame and calculates the best-fit exposure. All you have to do is select the metering mode, point the camera and press the capture button.

To set metering modes:

1 Select item [▭] and press Disp/OK button. The metering mode adjustment screen will appear.



2 Select a metering mode:

Center Mode:

Center metering also allows you to meter for the subject in the center of the frame but the range increases. It's about 50% the area of the whole frame and the rest of the frame is ignored.

Point (Spot) Metering Mode:

Point metering allows you to meter for the subject directly in the center of the frame. It's a small circle about just 10% the area of the whole frame and the rest of the frame is ignored. This mode is very useful for brightly backlit or macro shots.

Average Mode:

This mode averages the exposure of the entire frame but gives extra weight to the center.

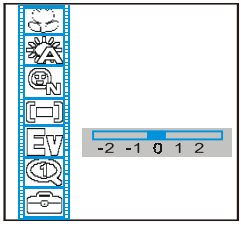
3 Press the Disp/OK button. The metering mode is set.

3.5.7. Setting exposure compensation value

This main item allows you to adjust exposure value and it also supports promp effect function. You can use the navigation button to set exposure value when the LCD screen is turned on.

To set exposure value:

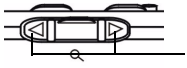
1 Select item EV and press Disp/OK button. The exposure value adjustment screen will appear.



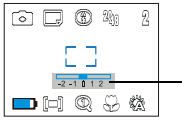
2 Press the left arrow ◄ on the navigation button to decrease exposure value, or the right arrow ► to increase exposure value. The result will appear on the LCD screen instantly.

3 Press the Disp/OK button. The exposure value is set.

***Hot Key: To set the exposure value, you don't have to enter this sub menu every time. You can also set the exposure value by simply pressing the hot key when capturing photos. Please see page 10 section 3.4.2 for reference information about this hot key.**



Press the "Right" and "Left" navigation button to choose exposure value. Then press Disp/OK button to set.



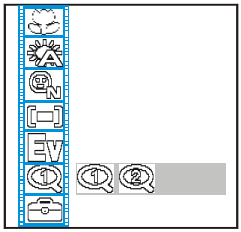
An exposure value bar will appear on the LCD monitor after pressing the "Right" and "Left" navigation button, you can choose to increase or decrease the exposure value of taking photos by using the navigation buttons.

3.5.8. Adjusting Zoom Function

To zoom in on an object on the LCD screen while taking photos:

To select zoom function:

1 Enter the zoom function sub-menu.



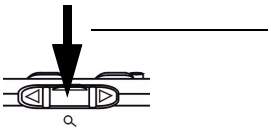
2 Select a zoom function:

Normal: The object will be in normal focus range.

Zoom: The object will be zoomed in with 2X rate.

3 Press the Disp/OK button. The zoom function is set. The corresponding icons will be displayed on the LCD screen.

***Hot Key: To zoom in the object, you don't have to enter this sub menu every time. You can also zoom in the object by simply pressing the hot key when capturing photos. Please see page 11 section 3.4.3 for reference information about this hot key.**

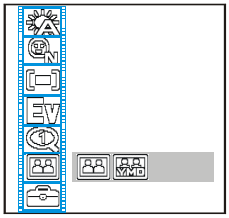


Press down to zoom in or zoom out on the object.

3.5.9. Setting date-imprinting modes

To add date imprinting function on the photos you take:
To set date imprinting function:

1 Enter the date imprinting function sub-menu.



2 Select a date imprint mode:

Date Imprint Off Mode: The date will not be imprinted on the photos you take.

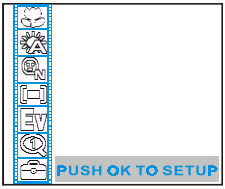
Date Imprint On Mode: The date will be imprinted on the photos you take.

3 Press the Disp/OK button. The date imprinting function you chose is set. The corresponding icons will be displayed on the LCD screen.

3.5.10. Setup Menu (Tool Box)

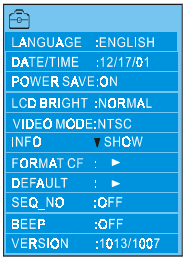
You can change the DC 3310 operation settings by entering the setup menu.
To enter the setup menu:

1 Enter the tool box sub-menu.



2 Then the LCD screen will prompt a sentence "PUSH OK TO SETUP."

3 Press the Disp/OK button. You will enter the setup menu and you can change the DC 3310 operation settings as you want. The corresponding items will be displayed on the LCD screen.



Setup Functions:

1. Language:
You can chanege the OSD (On Screen Display) system on LCD screen. There are nine languages for you to choose and they are listed in sequence as follows: English, French, German, Italian, Spanish, Dutch, Portuguese, Traditional Chinese and Japanese.

2. Date/Time:
To set the date and time.

3. Power Save:
You can set power save mode on or off. When the power save mode is on, the DC 3310 will automatically enter the suspend mode if you do not use it for 3 minutes. Press any button will wake the camera up from suspend mode.

4. Video Mode:
To set the TV video out type to NTSC or PAL.

5. Info:
You can choose to show or hide the operation setting icon on the LCD screen.

6. Format CF:
This function allows you to format the CF card. Press "OK" button and the LCD screen will prompt a message to show the real capacity of your CF card and ask if you are sure to format it. Choose "Yes" and the card will be formatted.

7. Default:
You can reload the default setting value.

8. Seq_No:
This function allows you to adjust Sequence number of the images while connecting to PC. Sequence number is an inner counter which records the number of shots been taken and it performs from 0001 to 9999. There are three choices as follows:
On: When the sequence number is set to "On", the OS will compare the image number in CF card with the inner Seq_NO, then use the large one to index this image number.
Off: When the sequence number is set to "Off", the OS uses the image number in CF card to index the image number.
Reset: When the sequence number is set to "Reset", the current sequence number will be set to the image number in CF card and then used for index.

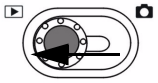
9. Beep: You can set the power on beep sound on or off.

10. Version: This function shows the version of the camera operation system.

3.6. Use Play Mode to View Photos and images on the LCD screen

The pictures you took are saved in the memory card. You can view these pictures on the LCD screen and delete, protect one or all of them if necessary.

To view pictures in the memory card, turn the mode switch dial to [▶] position.

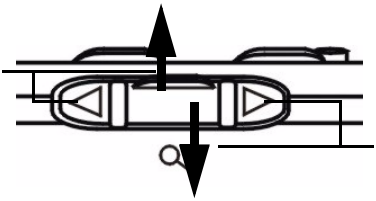


Turn the mode switch dial to [▶]. The last picture taken in the memory card will appear on the LCD screen.

Basic Operation:

You can press the left ◄ or up ▲ arrows on the navigation button to go to the previous image, or the right ► or down ▼ arrow to go to the next image.

Go to the previous image.

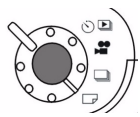


Go to the next image.

3.6.1. Still Mode

If the still mode is activated in play mode, you can view captured photos by pressing the navigation button, the last picture taken in the memory card will first appear on the LCD screen. The camera will show one photo a time automatically.

To activate the still mode:



Push and adjust the switch to still mode on the top of the camera. Then the still mode will be activated.

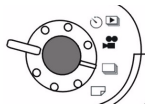
When still mode is activated, the icon [ ] will appear on the LCD screen.

When the still Mode is activated, the LCD screen will show icons as follow:

3.6.2. Thumbnail Mode

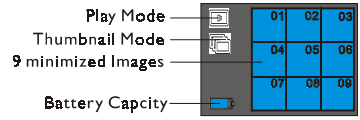
If the thumbnail mode is activated in play mode, the camera will show nine minimized photos a time in thumbnails. You can review captured photos and set image properties.

To activate the thumbnail mode:



Push and adjust the switch dial to thumbnail mode on the top of the camera. Then the thumbnail mode will be activated. When thumbnail mode is activated, the icon will appear on the LCD screen.

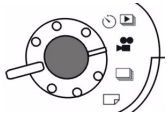
When the thumbnail mode is activated, the LCD screen will show icons as follow:



3.6.3. Video Mode

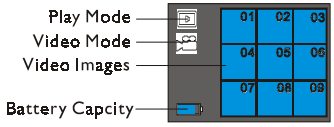
If the video mode is activated in play mode, you can playback the video you shot. You can also review the video and set video properties.

To activate the video mode:



Push and adjust the switch dial to video mode on the top of the camera. Then the video mode will be activated. When video mode is activated, the icon will appear on the LCD screen.

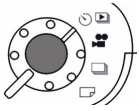
When the video mode is activated, the LCD screen will show icons as follow:



3.6.4. Slide show Mode

If the slide show mode is activated in play mode, the camera will playback a slide show of the photos you captured. In this mode, you can also review the photos and the slide showing speed depends on the file size of each photo.

To activate the slide show mode:



Push and adjust the mode switch dial to slide show mode on the top of the camera. Then the slide show mode will be activated. When slide show mode is activated, the icon will appear on the LCD screen.

When the slide show mode is activated, the LCD screen will show icons as follow:

3.7. The Play Mode Setting Menu on LCD screen

Play Mode Setting menu

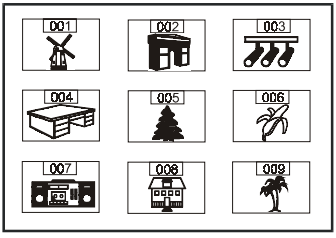
3.8. Options for viewing images

You can view images in different ways:

View images index

With this function, you can tile 9 images on the LCD screen and select the one you want and enlarge it full screen.

1 Turn the mode selection dial to . Then 9 minimized image thumbnails will appear on the LCD screen.

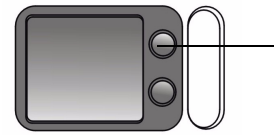


2 You can press the right, left and the middle of the navigation button to select an image. The number of the selected image will be highlighted. If there are more than 9 images in the memory card, when you press the right navigation button after image 009, the index screen will jump to the next page automatically, showing images 010 ~018. Pressing the middle navigation button up and down will show the page up and down.

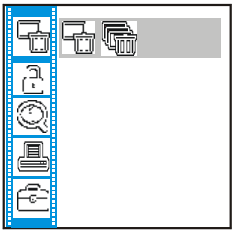
3 Select an image and press the Disp/OK button. The image will be enlarged full screen.

3.9. The Play Mode Setting menu

When in play mode, the DC 3310 provides a setting menu that allows you to make adjustments on various photo viewing and image saving settings.
To enter the setting menu, press the Menu/C button and you can switch the LCD screen frame from viewer menu to the main setting menu.



The menu bar will appear on the left part of the LCD screen.

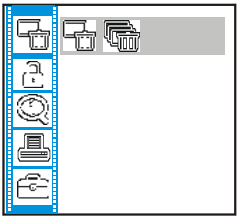


Menu operations

- Push up or press down the navigation button to move among main items or highlight a main item on the menu bar.
- To go to the sub-menu of a main item, press the right arrow ► on the navigation button, or the Disp/OK button.
- To select an item, highlight the item you want to select and then press the Disp/OK button.
- To exit a submenu, press the left arrow ◄ on the navigation button, or the Menu/C button. After your settings finished, press this button to return to the normal LCD preview screen.

3.9.1. Erasing images

1 To erase image(s) in the memory card:
Press the Menu/C button to enter the view options menu. Press the right or left navigation button to highlight the icon



2 Then press the Disp/OK button to set the image erase mode. The erase mode are as below:

: erase current image.

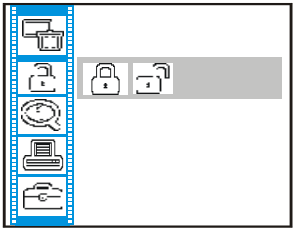
:erase all images in the memory card.

3.9.2. Locking and unlocking images

You can lock images to prevent being erased accidentally.

3.9.2.1. To lock images

1 Press the Menu/C button to enter the view options menu. Press the navigation button up or down to highlight the icon .



2 After entering the image lock submenu, highlight the icon in the submenu and press Disp/OK button. The current image is locked.

3 Repeat step 1 and 2 if you want to lock multiple images.

Note: If you erase the locked image, the lock icon will appear on the LCD screen and the image can not be erased unless you unlock the image.

The locked image will not be erased when you erase all images in the memory card.

3.9.2.2. To unlock images

1 In the image lock submenu, highlight the icon and press Disp/OK button. The current image will be unlocked.

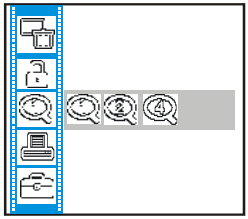
2 Repeat step 1 if you want to unlock multiple images.

***Hot Key: To unlock the images, you don't have to enter this sub menu every time. You can unlock the image by simply pressing the "Flash" hot key.**

3.9.3. Zoom in on an image

To zoom in on an image on the LCD screen:

1 Press the Menu/C button to enter the view options menu. Press the navigation button up or down to highlight the icon .



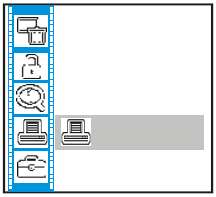
2 Then press the right navigation button to select the zoom-in rate you want. There are three rates-1X, 2X and 4X for you to choose.The image will be zoomed on the LCD display. You can press Disp/OK button to change setting and also the right and left navigation button to adjust the position of the image you want to see.

3.9.4. Print Out Setting (DPOF Protocol)

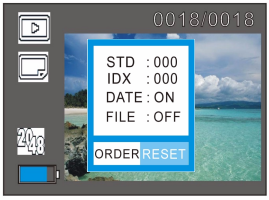
Digital Print Order Format (DPOF) Specification:

The DPOF specification defines a print order format similar to the capabilities currently available in traditional photofinishing. Users of digital cameras will be able to select the photos they want printed directly in the camera without using a computer. The DPOF file is written to the camera's removable media and is read and executed by printing services and applications.

1 First, you have to choose the image you want to print out and then press the Menu/C button to enter the print out setting menu. Press the navigation button up or down to highlight the icon .



2 Then press Disp/OK button to enter the print out sub-menu. The LCD monotor will prompt a function box for you to select the print out settings of the images. These choices of print out settings are illustrated as below:



STD: Standard Print Out Mode. **(This STD numbers represent the numbers of pages which will be printed.)**

This mode will print the images to fit the page size.

IDX: Index Print Out Mode. **(This IDX numbers represent the serial numbers of different images which will be printed on the same paper.)**

This mode will print different images which index value is not zero on the same paper.

Date: Print Image with date.

When you set the date function on, the file function will be turn off.

File: Print image with file name.

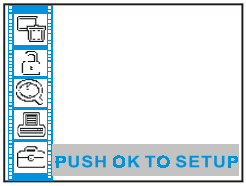
When you set the file function on, the date function will be turn off.

3.9.5. Setup Menu (Tool Box)

You can change the LCD screen settings and the DC 3310 inner settings by entering the setup menu.

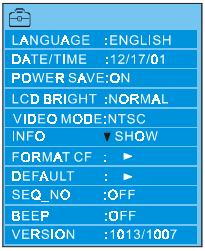
To enter the setup menu:

1 Enter the tool box sub-menu.



2 Then the LCD screen will prompt a sentence "PUSH OK TO SETUP."

3 Press the Disp/OK button. You will enter the setup menu and you can change the LCD settings and the DC 3310 inner settings as you want. The corresponding items will be displayed on the LCD screen.



*As for the detail setting information, please refer to the former page 21section 3.5.10.

4. PC DEPENDENT FEATURES

4.1. Preparations

To use the PC dependent functions, you need to install your digital camera software and connect the camera to your PC.

4.1.1. Installing digital camera software

- If your operation system is Windows 98, please setup the DC3310 driver first, if the operation system is Windows ME/2000/XP, then it's not necessary for you to setup driver in advanced, please refer to the descriptions of Universal Plug and Play installation instruction below.
- It's recommended that you setup driver and software before connecting digital still camera to your PC for smooth installation. Normally, a software installation menu appears automatically after this installation CD is inserted into your CD-ROM drive.

- Click on each item to start installing the software program of your choice. If the menu did not appear, please browse the CD and find a program file named "setup.exe" in the root directory and double-click on it. The menu will appear. If you want to know the content of this CD and install software manually, please refer to the descriptions of the CD content below.

4.1.2. The Software of this Installation CD

Software	Description
1. PhotoBase	Arcsoft PhotoBase 3.0, for you to find and organize your media-files efficiently. You can use it to creat a slide show, a web album, or a video postcard, then sharing these media-files with your friends through internet.
2. PhotoImpression	ArcSoft PhotoImpression 3.0, it is an easy-to-use photo editing and creative design program. You can edit and retouch your photos, then add special effects or place them in cards, calendars, frames and fantasy templates. PhotoImpression also includes a wide variety of printing options.
3. VideoImpression	Arcsoft Video Impression 1.6, for you to edit and combine the video files. New videos can be created by existing video, animation, and image files,quickly and easily create desktop video presentations for use at home, business or on the internet.
4. PhotoPrinter Pro.	Arcsoft Photo Printer 2000 Pro. this versatile printing utility lets you print out casually, it can be several different images on a single sheet of paper. It's as simple as opening your image, selecting from an assortment of templates and clicking Print.
5. QuickTime	Apple QuickTime 5.0, an all-in-one and closs-platform media tool.
6. Acrobat reader	Adobe Acrobat Reader 4.0.5, it's a "must have" utility to read files in the popular cross-platform file format "PDF".

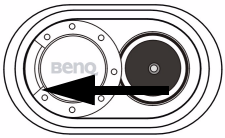
4.1.3. DC 3310 Driver installation instruction

We suggest users sincerely that setup DC3310 driver first under Windows 98 operation system, then connect your digital still camara to PC. If your operation system is Windows ME/2000/XP, just connect your DC 3310 to PC directly, then DC 3310 will perform as a USB mass-storage device under your operating system which means that your operating sysytem will come out a new drive.

4.2. Connecting the DC 3310 to your PC

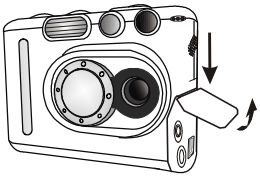
- Use the USB cable included in the package to connect the DC 3310 to the USB port of your PC.
- A new USB mass-storage device found and then DC 3310 will be used as a new drive under operating system.

1



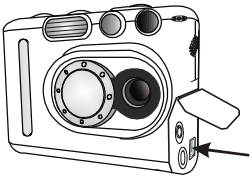
Slide the lens cover in the direction shown and turn on the power.

2



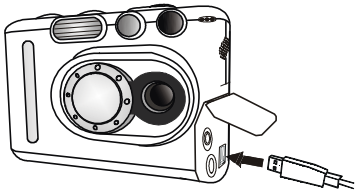
Slide the USB cover and open it in the direction shown.

3



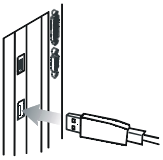
After opening the USB cover, you will see the USB port as the arrow shows.

4



Then connect one end of the USB cable to the USB port on your DC 3310.

5



Connect the other end of the USB cable to the USB port on the back panel of your computer and your computer will install DC 3310 to your system as a new drive automatically.

.

6

Double click the newly installed DC3310 drive and you will see all the photos you captured which are stored in the memory card. Then you can use the software which installed by the installation CD to edit or modify your photos.

5. TV DEPENDENT FEATURES

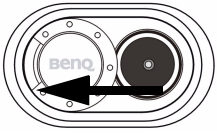
Preparations

To use the TV dependent functions, you need to connect the camera DC 3310 to your TV.

Connecting the DC 3310 to TV

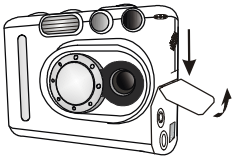
- Use the TV cable included in the package to connect the DC 3310 to the A/V port of your TV.
- After connecting to TV, all the frames and message appear on LCD screen will be displayed on your TV screen.

1



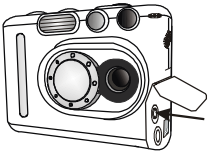
Slide the lens cover in the direction shown and turn on the power.

2



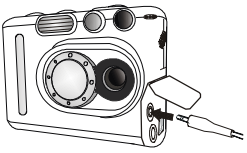
Slide the A/V out cover and open it in the direction shown.

3



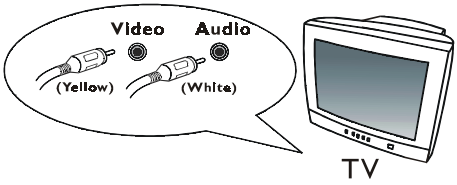
After opening the A/V out cover, you will see the A/V output port as the arrow shows.

4



Connect one end of the TV cable to your DC 3310 as illustrated.

5

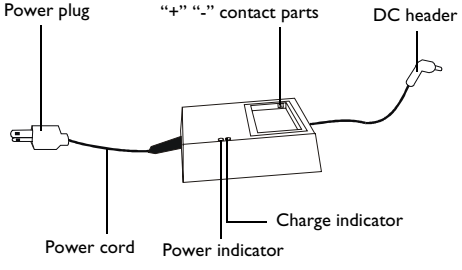


Then connect the other two ends of the TV cable to the Audio input port and Video input port of your TV. Please note that the yellow header is for Video port and the white header is for Audio port. After the connection to your TV, you will see the LCD monitor function on your TV screen.

6. LITHIUM BATTERY CHARGER (ADAPTER) USAGE

Preparations

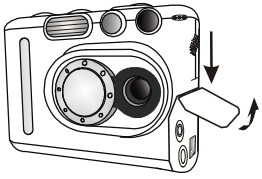
The DC 3310 package provides a lithium battery charger for charging your DC 3310 lithium battery. In addition, the charger can also be used as an power adapter to supply electric power to your DC 3310. To use the lithium battery charger as a camera power adapter, you need to connect the charger to your camera DC 3310.



6.1. Connecting the charger to DC 3310 as a power adapter

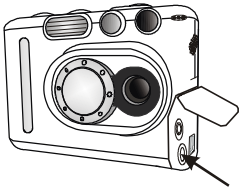
- Plug the power cord of the charger into the power outlet and you will see the two indicators on the charger both light on in green. Then use the dc header of the charger to connect the charger to DC 3310.
- After connecting the charger to DC 3310, you will see the "POWER" indicator on the charger turn in red and this means the camera is ready to work.

1



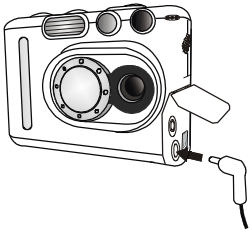
Slide the dc-in cover and open it in the direction shown.

2



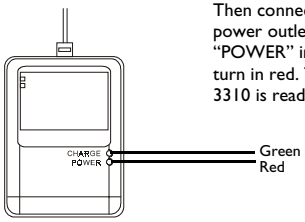
After opening the dc-in cover, you will see the dc-in port as the arrow shows.

3



Connect the dc header of the charger to your DC 3310 as illustrated above.

4

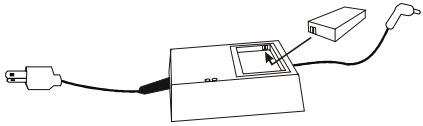


Then connect the power cord to the power outlet and you will see the "POWER" indicator on the chargaer turn in red. This means that the DC 3310 is ready to work.

6.2. Use Charger To Charge Lithium Battery

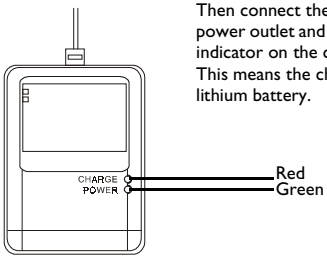
- Put the lithium battery in the battery socket on the charger. Owing to the foolproof design of the battery, you will not be able to put the battery in the socket if you put it in the wrong direction.
- Make sure the lithium battery is fixed on the socket, then plug the power cord into the power outlet and you will see the "CHARGE" indicator on the charger turn from green to red. When the "CHARGE" indicator turns to red, it means the charger is charging the lithium battery.

1



Put the lithium battery in the direction shown above and make sure the "+" and "-" contact parts are put in the right direction.

2



Then connect the power cord to the power outlet and you will the "CHARGE" indicator on the chargaer become red. This means the charger is charging the lithium battery.

7. TROUBLESHOOTING

1. The LCD screen panel remains blank after I switch the lens cover and can't take pictures.

Check that the battery is correctly inserted or plug the DC adapter power to try again.

2. The camera can not take a picture after the capture button is pressed.

Please check whether the strobe charging LED is blinking. If it's blinking, it means that the flash is still under charging. During this time the camera is busy and cannot take pictures. Wait until the indicator becomes OFF.

3. I have connected the camera to the computer, but the DC 3310 does not appear as a new drive under my operating system.

Make sure that the battery is installed correctly and there is enough power in them. Check if the camera power is turned on. If not, turn it on and then connect the camera to the computer again. Please make sure that the driver has been installed if your operating system is Win 98.

4. In Windows 2000, when I unplug the DC 3310 from my computer while the USB mass-storage is active, the computer freezes.

You should double click the USB mass storage icon on Windows 2000 system tray to move DC 3310 from the computer OS first, then unplug the DC 3310.

5. The photos I captured have strange flare on them

Usually this is caused by the dirty of the lens or maybe there are finger prints on the lens glass of the Digital Camera 3310. Check the lens glass or the lens of the Digital Camera 3310. If it is not clean or there are some finger prints on it, please clean the lens cover glass and try not to leave finger prints on it. Leaving finger prints on the lens cover glass may cause the abnormality of your photos.

8. SERVICE INFORMATION

Technical support

If you encountered problems using Digital Camera 3310 and the camera driver program, please send an E-mail (containing detailed descriptions of the problem you came upon, the hardware and software environment of your system) to the following addresses:

USA: support-sc@benq.com

Europe: support@acercm.nl

Taiwan: service-tw@benq.com

China: service_china@benq.com

Asia and other countries: IMGservice@benq.com

For free driver program updates, product information and news release, please visit the following web address:

http://www.benq.com.tw/global/

For questions about the bundled application, please consult the following web addresses:

http://www.adobe.com (Adobe Active Share)